

# DEACTIVATED ELECTRO-OPTIC MATERIAL AND METHOD OF FORMING THE SAME

## Abstract of the Disclosure

5           An electro-optically deactivated transmissive material comprises a plurality of  
chemicals which are sufficient, in combination, to enable formation of an electro-optic  
material having an index of refraction that is responsive to an electric field. The  
chemicals are combined with a glassifier so as to form a transmissive material that is  
less responsive to the electric field than said electro-optic material. The deactivated  
10       material has substantially the same refractive index as the electro-optic material in the  
absence of an electric field. In a preferred embodiment, the deactivated material is  
arranged with active material to form an optical switch.

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